

BLAKE, CASSELS & GRAYDON LLP

UNITED STATES PATENT APPLICATION
COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"ORGANIC ELECTROCHROMIC MATERIALS FOR OPTICAL ATTENUATION IN THE NEAR INFRARED REGION"

the specification of which is attached.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of the Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

SERIAL NUMBER	COUNTRY	FILED (M/D/Y)	PRIORITY CLAIMED (YES/NO)
2,348,288	CA	05/24/01	YES

I hereby claim the benefit of Title 35, United States Code §120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is now disclosed in the priority United States application in the manner provided in the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

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SERIAL NUMBER	FILED (M/D/Y)	STATUS (pending, patented, or abandoned)
60/292,959	05/24/01	PENDING

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

S. Burshtein, Reg.No. 32,851

George E. Fisk, Reg.No. 22,243

B.W.Gray, Reg.No. 30,017

J.C. Hunt, Reg.No. 36,424

Terry L. Leier, Reg.No. 41,554

Alfred A. Macchione, Reg.No. 40,333

Address all correspondence to:

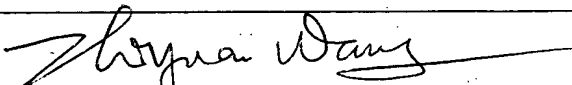
CUSTOMER NUMBER 27220

George E. FISK
BLAKE, CASSELS & GRAYDON LLP
World Exchange Plaza
20th Floor, 45 O'Connor Street
Ottawa, Ontario
CANADA K1P 1A4

Telephone No.: (613) 788-2242

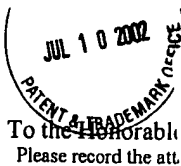
Facsimile No.: (613) 788-2247

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

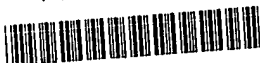
Full Name of First Inventor	Zhi Yuan WANG
Signature	
Date	June 4, 2002
Residence	1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6, CANADA
Citizenship	Canadian
Post Office Address	(same as above)

PATENTS ONLY

RE



11-05-2002



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PATENTS ONLY

S:

1. Name of Party(ies) conveying an interest: Zhi Yuan WANG 7/10/02 10/31/02	2. Name and Address of Party(ies) receiving an interest: Name: TWLinks Inc. Internal Address: 1125 Colonel By Drive Street Address: Ottawa, Ontario Country: CANADA Postal Code: K1S 5B6
3. Description of the interest conveyed: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger Other	

4. Application number(s) or patent number(s)

Additional sheet attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is:

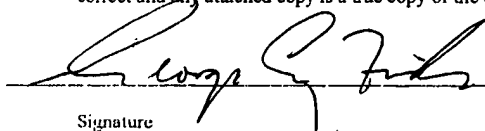
Date:

A. Patent Application No.(s) <u>10/151,891</u>	B. Patent No.(s)
5. Name and Address of party to whom correspondence concerning document should be mailed: CUSTOMER NO. 27220 Name: George E. Fisk BLAKE, CASSELS & GRAYDON LLP World Exchange Plaza 20th floor, 45 O'Connor Street Ottawa, Ontario K1P 1A4 CANADA Phone - (613)-788-2242 Fax - (613)-788-2247	6. Number of applications and patents involved: <u>1</u> 7. Amount of fee enclosed or <u>authorized to be charged</u> : <u>\$40.00</u> 8. Deposit account number (attach duplicate copy of this form if paying by deposit account) <u>501-456</u>

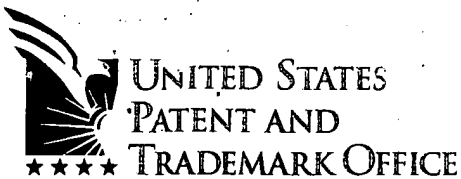
DO NOT USE THIS SPACE

9. Date of execution of attached document: June 4, 2002

10. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and any attached copy is a true copy of the original document: Executed on: July 8, 2002

 George E. Fisk (Regn. 22,243)
Signature Name of Person Signing

07/15/2002 GT011 00000090 501456 10151891
01 FC:581 40.00 CH



MARCH 04, 2003

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Chief Information Officer
Washington, DC 20231
www.uspto.gov

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GEORGE E. FISK
WORLD EXCHANGE PLAZA
20TH FLOOR, 45 O'CONNOR STREET
OTTAWA, ONTARIO K1P 1A4 CANADA



102270949A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/2002

REEL/FRAME: 013450/0633
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WANG, ZHI YUAN

DOC DATE: 06/04/2002

ASSIGNEE:

TWLINKS INC.
1125 COLONEL BY DRIVE
OTTAWA, ONTARIO, CANADA K1S 5B6

SERIAL NUMBER: 10151891
PATENT NUMBER:

FILING DATE: 05/22/2002
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which I acknowledge receipt,

I, **Zhi Yuan WANG**, whose full post office address is **1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6, Canada**,

sell and assign to **TWLinks Inc.**, having a place of business at **1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6, Canada**

its successors and assigns, all right, title and interest in the invention by me, as described in **Canadian Patent Application Serial No. 2,348,288, filed May 24, 2001 entitled ORGANIC ELECTROCHROMIC MATERIALS FOR OPTICAL ATTENUATION IN THE NEAR INFRARED REGION** and any and all applications for patents and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof and all rights of priority resulting from the filing of the Canadian application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said applications to said **TWLinks Inc.**, its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

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SIGNED AT

this 4th day of June 2002.

Zhi Yuan WANG
(Zhi Yuan WANG)

DECLARATION

I Tian Ping Gao whose full post office
address _____

(Name of Witness)

is 3099 Apple Hill Dr, Ottawa Ont.
(Address of Witness)

declare:

That I was personally present and did see **Zhi Yuan WANG** who is personally known to me to be the person named in the above assignment, duly sign and execute the same.

Declared at

this 4th day of June 2002.

Tian Ping Gao
Signature of Witness



UNITED STATES
PATENT AND
TRADEMARK OFFICE



-7 SEP 23 2002

SEPTEMBER 12, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

BLAKE, CASSELS & GRAYDON LLP
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45 O'CONNOR STREET
WORLD EXCHANGE PLAZA, 20TH FLOOR
OTTAWA, ONTARIO K1P 1A4 CANADA



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102157689

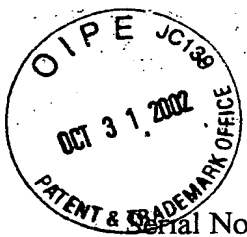
THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. AN EXECUTION DATE MUST BE INDICATED FOR EACH CONVEYING PARTY.

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



PE

10.31.02

IN THE UNITED STATES PATENT OFFICE

Serial No: 10/151,891
Filed: May 22, 2002
Applicant: Zhi Yuan WANG
Title: "ORGANIC ELECTROCHROMIC MATERIALS FOR OPTICAL
ATTENUATION IN THE NEAR INFRARED REGION"
Attorney dkt: 101886/7

US Patent and Trademark Office
Assignment Division
Washington, D.C. 20231, U.S.A.

BOX: ASSIGNMENTS CG-4

Dear Sir:

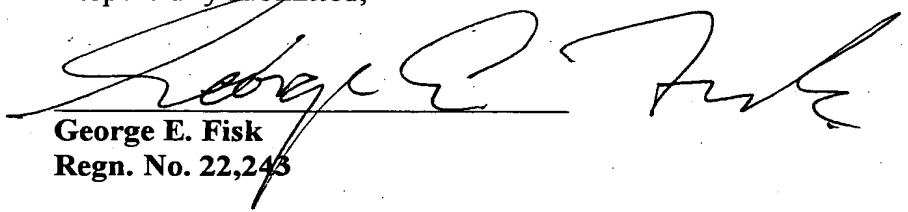
This will acknowledge receipt of the Notice of Non-Recordation of Document dated September 12, 2002.

The reason given for non-recordal is that the execution date must be indicated for each conveying party. Please note that there is only one conveying party and the execution date is indicated as June 4, 2002.

We await receipt of the recordal particulars for this assignment.

If anything further is required to record this assignment, it is respectfully requested that Mr. George Fisk, applicant's agent, be notified by telephone at 613-788-2242.

Respectfully submitted,


George E. Fisk
Regn. No. 22,243

Blake, Cassels & Graydon LLP
World Exchange Plaza
20th floor, 45 O'Connor Street
Ottawa, Ontario
K1P 1A4, Canada
Phone: (613)-788-2242
Fax: (613)-788-2247

GEF:klf/Encl.

Dated: October 30, 2002